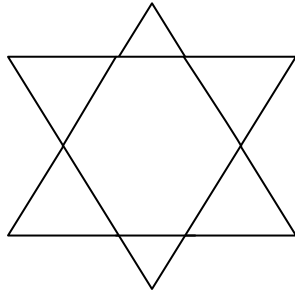


Euclid's Triangle

You will need 6 straight, equal size objects (straws, pencils, match sticks, etc.) for each person or group.

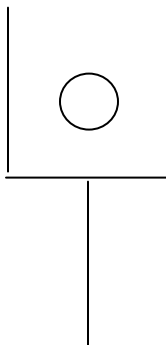
Give each person or group the six objects. They are to use the objects to form eight triangles. They are not allowed to bend or break the objects. Solution is shown below.



Field Goal

You will need four straight objects and one small round object.

Set up the objects as show below.



The goal of the activity is to get the round object outside of the enclosed area by only moving two of the straight objects. After the objects are moved, the field goal shape should be retained, with the round object no longer inside the shape.

SOLUTION - Move upper right object to lower left side.
Slide horizontal object to the right.

